

ABSTRACT OF THE DISCLOSURE

The present invention provides a method of human-computer interfacing that provides haptic feedback to control interface interactions such as scrolling or zooming within an application.

Haptic feedback in the present method allows the user more intuitive control of the interface

5 interactions, and allows the user's visual focus to remain on the application. The method

comprises providing a control domain within which the user can control interactions. For

example, a haptic boundary can be provided corresponding to scrollable or scalable portions of

the application domain. The user can position a cursor near such a boundary, feeling its

presence haptically (reducing the requirement for visual attention for control of scrolling of the

10 display). The user can then apply force relative to the boundary, causing the interface to scroll

the domain. The rate of scrolling can be related to the magnitude of applied force, providing the

user with additional intuitive, non-visual control of scrolling.